File No.: 10326-72US KPM/en

Montreal, Canada June 2, 2003

## IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE

In re Application of

Ronald Peter VAN HEEK et al

For:

Improved Kraft Pulp Yield by Heat Treatment of

Polysulphide Liquors Generated by Oxidation

S.N.:

10/053,408

Filed:

January 23, 2002

Group Art Unit:

1731

Commissioner for Patents P.O. Box 1450 Alexandria, 22313-1450 U.S.A.

# PRELIMINARY AMENDMENT & 2<sup>nd</sup> INFORMATION DISCLOSURE STATEMENT

Sir:

A second Information Disclosure Statement by Applicant in Form PTO/SB/08A/B is submitted here. The references were identified in the International Search Report of the counterpart PCT application and a copy of the International Search Report is also attached.

Copies of the references are submitted with the exception of US Patent 5,082,526 which has already been submitted with the first Information Disclosure Statement by Applicant.

### The Assistant Commissioner for Patents

Entry of the Information Disclosure Statement is requested.

Please amend the application as follows

#### **CLAIMS:**

Please insert in the application new claims 15 to 18 hereinafter.

15. (NEW) A method according to claim 1 wherein said exposing is for 6 to 30 hours.

16. (NEW) A method according to claim 1 wherein said exposing is for 12 to 24 hours.

17. (NEW) A method according to claim 11 wherein step ii) is carried out for a time of 6 to 30 hours.

18. (NEW) A method according to claim 11 wherein step ii) is carried out for a time of 12 to 24 hours.

A clean copy of new claims 15 to 18 is attached in an Appendix.

#### **REMARKS**

Claims 1 to 18 are in the case.

New claims 15 to 18 are submitted directed to the preferred exposure times described at page 5, line 10 and supported by the Examples.

All the claims herein are believed to fully distinguish over the references known to the Applicant and comprising the references listed in the first

## The Assistant Commissioner for Patents

Information Disclosure Statement in Form PTO/SB/08A/B previously submitted, and the Information Disclosure Statement in Form PTO/SB/08A/B submitted concurrently herewith, and which were identified in the International Search Report of the counterpart PCT application. A copy of the International Search Report is attached.

Favourable consideration of the application is requested.

Respectfully,

Kevin P. Murphy Reg. No. 26,674

K ( )w)

Direct Dial: (514) 847-4293

Date: June 2, 3003

Encls.

## APPENDIX - CLEAN CLAIMS

- 15. (NEW) A method according to claim 1 wherein said exposing is for 6 to 30 hours.
- 16. (NEW) A method according to claim 1 wherein said exposing is for 12 to 24 hours.
- 17. (NEW) A method according to claim 11 wherein step ii) is carried out for a time of 6 to 30 hours.
- 18. (NEW) A method according to claim 11 wherein step ii) is carried out for a time of 12 to 24 hours.

Approved for use through 10/31/2002 OMB 0651-0031

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STATEMENT BY APPLICANT		First Named Inventor	Ronald Peter VAN HEEK et al			
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Sheet	1	of	1	Attorney Docket Number	10326-72US KPM/en	

U.S. PATENT DOCUMENTS					
Examiner Initals*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	<u> </u>	US-4,024,229	May 17/77	SMITH et al	
		US-5,082,526	Jan. 21/92	DORRIS	
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FOREIGN PATENT DOCUMENTS							
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<sup>\*</sup>EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japhanese patents of the designation of the standard ST.3. documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE ollection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of infor

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STATEMENT BY APPLICANT  (use as many sheets as necessary)			PLICANT	First Named Inventor	Ronald Peter VAN HEEK et al	
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Sheet	2	of	1	Attorney Docket Number	10326-72US KPM/en	

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journar, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>			
		Database Paperchem 'Online', The Institute of Paper Science and Technology, Atlanta, GA, US; Database Accession Number AB4701536, Ringley, M.B: :Laboratory Polysulfide Cooking of Loblolly Pine", retrieved from DIALOG XP002219846, abstract & Southern Pulp Paper MFR. 39, No. 1: 24-26, 28, 30-31 (Jan. 1976)				
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